







What is SPHINX?

 **The Challenge**
Solving the Riddle of Cyber-Security protection in Healthcare IT ecosystems.

-  **How does SPHINX tackle the challenge?**
Through:
- 🕒 Cyber protection and data privacy and integrity
 - 🕒 The proactive assessment and mitigation of Cyber-Security threats
 - 🕒 Evaluation of the Vulnerability of Medical Devices and Services
 - 🕒 Providing the SPHINX Certification
 - 🕒 Near real time vulnerability assessment of operating IT Ecosystems

 **Pilot**
The SPHINX proposed technology and business framework will be demonstrated and validated under realistic operating conditions and various use case scenarios.



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SPHINX aims to introduce a health tailored Universal Cyber Security Toolkit, thus enhancing the cyber protection of the Health and Care IT Ecosystem and ensuring patients' data privacy and integrity



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 826183.



A Universal Cyber Security Toolkit for the
Health- Care Industry

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Pilot



Did you know that

The project's pilots will deploy and evaluate the SPHINX solution at business as usual and emergency situations across various use cases at three different countries.



Where?

- ② Hospital do Espírito Santo de Évora in Portugal
- ② Hospital Polaris Medical in Romania
- ② The 5th Health Regional Authority of Thessaly and Sterea in Greece



How?

The overall solution will be evaluated using Key Performance Indicators related with the SPHINX cyber-security effectiveness usability and cost-effectiveness, by end-users, project partners and business stakeholders.

Why SPHINX is important for you?

Industry (Security and IoT)

SPHINX will provide tools to evaluate healthcare devices and services and receive a detailed compliance and certification report that assesses if the device or service is vulnerable and/or misused, or if its attack surface doesn't implement crucial security requirements.



Medical organisations

The SPHINX ecosystem will armour medical organisations from multiple cybersecurity threats and will therefore protect patient data. It will provide the means for medical organisations to become aware and understand the cybersecurity risks to their cyber-physical security and Privacy Policy and to make informed decisions to choose the use of SPHINX certified devices.



Research

Through the extensive research of this Research and Innovation project, SPHINX will produce research articles and technical demonstrations at journals and conferences, as well as a community of developers and scientists.



Policy

SPHINX will investigate improvements and alternatives to current institutional and governance frameworks in order to improve cybersecurity awareness and stimulate the usage of the proposed solution, aiming to empower patient data privacy.



International networks

Through international networks, SPHINX will increase awareness to several stakeholders about the project's achievements. SPHINX will seek opportunities to participate in relevant activities organised by the international network. In addition, international networks will be requested to share online information published by SPHINX, through their communication channels, e.g. websites and social networks.



Society

SPHINX will give patients the strong feeling that their data are secure. It will help patients increase their control over their multiple IoT devices, because they will be able to choose those devices available in the market based on whether they are SPHINX certified or not.



Related EU-funded projects

By cooperating with SPHINX, other EU-funded projects can develop more impactful and sustainable cybersecurity environments in the health sector, and enhance their ability to Disseminate and Communicate their results.



SPHINX partners

A Universal Cyber Security Toolkit for the Health - Care Industry



Get involved in our project activities!

Participate in the SPHINX yearly workshops and organized events and activities.

How?

- ② Visit our website <https://sphinx-project.eu/> and join our community.
- ② Join our social media channels
- ② Subscribe to our Newsletter
- ② Check our upcoming events to participate

